Name:

ml1112paper: Solve by factoring (v2)

1. Solve the equation
$$x^2 + 2x - 48 = 0$$

2. Solve the equation
$$x^2 + 5x + 6 = 0$$

3. Solve the equation
$$5x^2 + 8x + 57 = 4x^2 - 6x + 8$$

4. Solve the equation
$$7x^2 + 2x - 23 = 6x^2 - 2x - 2$$

5. Solve the equation
$$2x^2 - 17x + 21 = 0$$

6. Solve the equation
$$11x^2 + 63x + 40 = 0$$

7. Solve the equation
$$9x^2 + 20x + 5 = 6x^2 + 6x - 3$$

8. Solve the equation
$$14x^2 - 28x + 3 = 3x^2 - 9x - 5$$